



## Timetable Day 1

**Monday, 6 November 2006**

08:00-08:50	Registration	
<b>Session 1</b>	<b>Signatures of temperature field for defining and exploring potential geothermal reservoirs</b> Conveners: Frank SCHILLING (GFZ Potsdam); Albert GENTER (BRGM)	
09:00-09:10	Welcome	Ernst HUENGES
09:10-09:35	Temperature and heat-flow techniques in the exploration of Enhanced Geothermal Systems (EGS): an overview from the shallow surface to deep into the lithosphere	Andrea FÖRSTER
09:35-10:00	Laterally forced overturns in Variscan belt: a new model of lithological and thermal structure of continental crust	Karel SCHULMANN
10:00-10:45	<b>Poster introduction</b> Variations in present-day temperatures in onshore and offshore Netherlands Location of anomalously hot temperatures due to heat refraction Exploration of potential geothermal reservoirs: use of the Na/Li geothermometer and lithium isotopes Exploring for radiogenic heat: a case study from the Saxothuringian zone of Germany Internal thermal anomalies in sedimentary basins caused by salt structures Gas geothermometers Index minerals in defining temperature in potential geothermal reservoirs 2-D Thermal Modelling in the Geothermal Areas of Tuscany, Italy Geothermal Resource Atlas of the Swiss Plateau Tectonic modelling of non steady-state temperature in the lithosphere A new lithosphere model as input for the European strength map High-enthalpy reservoirs in Hungary	Hanneke VERWEIJ Laurent GUILLOU-FROTTIER Bernard SANJUAN Andrea FÖRSTER Ben NORDEN Antonio CAPRAI Bjarni Reykr KRISTÁNSSON Stefano BELLANI Thomas KOHL Laszlo LENKEY Magdala TESAURO Markus Wolfgramm
10:45-12:15	<b>Poster presentation</b>	
12:15-13:00	<i>Discussion</i>	
<b>13:00-14:00</b>	<b>Lunch Break</b>	



## Session 2 Signatures of fluid transport in Earth's crust

Conveners: Onno ONCKEN (GFZ Potsdam); Patrick LEDRU (BRGM)

14:00-14:25	Geologic and Geophysical Analyses of Geothermal Fields in the Northwestern Great Basin, Western USA: Characterizing Structural and Tectonic Controls	James FAULDS
14:30-14:55	Mechanical behaviour, natural permeability, and stimulation of fractured reservoirs from the shallow surface to deep into the lithosphere	Agust GUDMUNDSSON
15:00-15:45	<p><b>Poster introduction</b></p> <p>Geothermal resources in central Europe: A geodynamic view</p> <p>Mineralogy, porosity and thermal conductivity mapping of different flowing structures in geothermal granite of Soultz sous forets (France)</p> <p>Fluid evolution and water-rock interaction in the Larderello geothermal field: evidence from mineralogical, petrographic and fluid inclusions studies</p> <p>How 3DGeoModeller Helps To Define And Assess A Geothermal Reservoir: The Limagne case-study (French Massif Central)</p> <p>Method for Estimating the Increase in Permeability of Reservoirs during Hydro-fracturing Stimulations.</p> <p>Methods and apparatus for feeding samples of gas at controlled pressure into a gas chromatograph (international patent pending PCT/IB2005/001568) and its application to geochemical surveillance of reactive gas from Pozzuoli Solfatara (Naples, Italy): chronological evolution and local ground displacement</p> <p>Naturally Mineralized Systems and Mineralisations, a natural analogue of Enhanced Geothermal Systems (EGS)?</p> <p>Evaluation of the Geothermal Prospects of the hot Granites of West Lithuania</p> <p>External drift kriging as method to interpolate data of different accuracy degrees</p>	<p>Eva SCHILL</p> <p>Yves GERAUD</p> <p>Giovanni RUGGIERI</p> <p>Philippe CALCAGNO</p> <p>Jean-Jacques ROYER</p> <p>Antonio CAPRAI</p> <p>Patrick LEDRU</p> <p>Saulius SLIAUPA</p> <p>Inga MOECK</p>
15:45-17:15	<b>Poster presentation</b>	
17:15-18:00	<i>Discussion</i>	
<b>18:00-20:00</b>	<b><i>Guided tour on Telegrafenberg Campus / Visit of the 3-D Visualization laboratory</i></b>	
<b>20:00-23:00</b>	<b><i>Conference dinner at GFZ restaurant</i></b>	



## Timetable Day 2

**Tuesday, 7 November 2006**

### **Session 3 State of the Art in the exploration of potential geothermal reservoirs**

Conveners: Adele MANZELLA (CNR-IGG); Ernst HUENGES (GFZ Potsdam)

09:00-09:25	Exploration of geothermal resources in Italy	Simonetta CIUFFI
09:30-09:55	First results from the IGET project on integrated geophysical exploration	Michael WEBER
10:00-10:45	<b>Poster introduction</b>	
	Milos Site (Greece): Integration and Evaluation of Exploration Data	Constantine KARYTSAS
	The state of the art in high temperature geothermal exploration in volcanic environment	Ragna KARLSDÓTTIR
	The contribution of IGG to the exploration of the Larderello geothermal area: a multidisciplinary approach	Adele MANZELLA
	Subsurface geothermal flow patterns derived from TEM soundings	Ragna KARLSDÓTTIR
	Broadband seismology for monitoring and exploring hydrothermal systems	Philippe JOUSSET
	Borehole imagery contribution to EGS reservoir exploration	Chrystel DEZAYES
	Fracture network analysis at the hectometric scale of the Soultz-sous-Forêts granite: combination of well seismic data and field analog in Catalonia.	Joachim PLACE
	Modern Seismic Methods for Geothermal Projects	Henning TRAPPE
	Sub-/seismic Structure and Deformation Quantification on Different Scales from 3D Reflection Seismics in the North German Basin	Charlotte KRAWCZYK
	Geophysical Exploration of Russian Geothermal Resources	Viacheslav SPICHAK
	Advances in Magnetotelluric Study of Geothermal Areas	Viacheslav SPICHAK
	Electrical resistivity distribution in geothermal systems characterized by crystalline rocks	Adele MANZELLA
10:45-12:15	<b>Poster presentation</b>	
12:15-13:00	<i>Discussion</i>	
13:00-14:00	<b>Lunch Break</b>	



**Session 4 Processes in geothermal reservoirs**

Conveners: Thomas KOHL (Geowatt); Volker RATH (RWTH Aachen)

14:00-14:25	Microseismic monitoring of hydraulic stimulation of well TR8A in the Berlín Geothermal Field, El Salvador	Steve OATES
14:30-14:55	Reservoir characterization of a deep Jurassic hydrocarbon bearing sandstone in the Central Graben, North Sea	Peter JOHANNESSEN
15:00-15:15	<b>Poster introduction</b>	
	Characterizing geothermal reservoirs using inverse methods	Volker RATH
	Experimental Long-term Investigations on Geothermal Reservoir Rock Properties at Simulated In-situ Conditions	Harald MILSCH
	Combined transport experiments under in-situ conditions	Thomas KOHL
	Tracer-assisted evaluation of hydraulic stimulation experiments in deep crystalline and sedimentary formations in Germany	Julia GHERGUT
15:15-16:15	<b>Poster presentation</b>	
16:15-17:00	<i>Discussion</i>	

**Wednesday, 8 November 2006**

<b>09:00-14:00</b>	<b>Visit of Groß-Schönebeck drill site</b>	<b>Steering committee meeting</b>
	Departure from GFZ 9:00	9:00 – 13:00 GFZ main building, room F209
	Drill site visit 10:30 to 12:00	
	Lunch	
	Tegel airport 13:30	
	Potsdam 14:00	